

## Standard Occupational Code Titles

### **11-0000 Management Occupations**

- 11-3010 Administrative Services Managers
- 11-2010 Advertising and Promotions Managers
- 11-9010 Agricultural Managers
- 11-1010 Chief Executives
- 11-3020 Computer and Information Systems Managers
- 11-9020 Construction Managers
- 11-9030 Education Administrators
- 11-9040 Engineering Managers
- 11-3030 Financial Managers
- 11-9050 Food Service Managers
- 11-9060 Funeral Directors
- 11-9070 Gaming Managers
- 11-1020 General and Operations Managers
- 11-3040 Human Resources Managers
- 11-3050 Industrial Production Managers
- 11-1030 Legislators
- 11-9080 Lodging Managers
- 11-2020 Marketing and Sales Managers
- 11-9110 Medical and Health Services Managers
- 11-9190 Miscellaneous Managers
- 11-9120 Natural Sciences Managers
- 11-9130 Postmasters and Mail Superintendents
- 11-9140 Property, Real Estate, and Community Association Managers
- 11-2030 Public Relations Managers
- 11-3060 Purchasing Managers
- 11-9150 Social and Community Service Managers
- 11-3070 Transportation, Storage, and Distribution Managers

### **13-0000 Business and Financial Operations Occupations**

- 13-2010 Accountants and Auditors
- 13-1010 Agents and Business Managers of Artists, Performers, and Athletes
- 13-2020 Appraisers and Assessors of Real Estate
- 13-2030 Budget Analysts
- 13-1020 Buyers and Purchasing Agents
- 13-1030 Claims Adjusters, Appraisers, Examiners, and Investigators
- 13-1040 Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation
- 13-1050 Cost Estimators
- 13-2040 Credit Analysts
- 13-1060 Emergency Management Specialists
- 13-2050 Financial Analysts and Advisors
- 13-2060 Financial Examiners
- 13-1070 Human Resources, Training, and Labor Relations Specialists
- 13-2070 Loan Counselors and Officers
- 13-1080 Logisticians
- 13-1110 Management Analysts
- 13-1120 Meeting and Convention Planners
- 13-1190 Miscellaneous Business Operations Specialists
- 13-2090 Miscellaneous Financial Specialists
- 13-2080 Tax Examiners, Collectors, Preparers, and Revenue Agents

### **15-0000 Computer and Mathematical Occupations**

- 15-2010 Actuaries
- 15-1010 Computer and Information Scientists, Research
- 15-1020 Computer Programmers
- 15-1030 Computer Software Engineers
- 15-1040 Computer Support Specialists
- 15-1050 Computer Systems Analysts
- 15-1060 Database Administrators
- 15-3010 Mathematical Technicians
- 15-2020 Mathematicians

## Standard Occupational Code Titles

15-1090 Miscellaneous Computer Specialists  
15-2090 Miscellaneous Mathematical Scientists  
15-1070 Network and Computer Systems Administrators  
15-1080 Network Systems and Data Communications Analysts  
15-2030 Operations Research Analysts  
15-2040 Statisticians

### **17-0000 Architecture and Engineering Occupations**

17-2010 Aerospace Engineers  
17-2020 Agricultural Engineers  
17-1010 Architects, Except Naval  
17-2030 Biomedical Engineers  
17-2040 Chemical Engineers  
17-2050 Civil Engineers  
17-2060 Computer Hardware Engineers  
17-3010 Drafters  
17-2070 Electrical and Electronics Engineers  
17-3020 Engineering Technicians, Except Drafters  
17-2080 Environmental Engineers  
17-2110 Industrial Engineers, Including Health and Safety  
17-2120 Marine Engineers and Naval Architects  
17-2130 Materials Engineers  
17-2140 Mechanical Engineers  
17-2150 Mining and Geological Engineers, Including Mining Safety Engineers  
17-2190 Miscellaneous Engineers  
17-2160 Nuclear Engineers  
17-2170 Petroleum Engineers  
17-3030 Surveying and Mapping Technicians  
17-1020 Surveyors, Cartographers, and Photogrammetrists

### **19-0000 Life, Physical, and Social Science Occupations**

19-4010 Agricultural and Food Science Technicians  
19-1010 Agricultural and Food Scientists  
19-2010 Astronomers and Physicists  
19-2020 Atmospheric and Space Scientists  
19-1020 Biological Scientists  
19-4020 Biological Technicians  
19-4030 Chemical Technicians  
19-2030 Chemists and Materials Scientists  
19-1030 Conservation Scientists and Foresters  
19-3010 Economists  
19-2040 Environmental Scientists and Geoscientists  
19-4040 Geological and Petroleum Technicians  
19-3020 Market and Survey Researchers  
19-1040 Medical Scientists  
19-1090 Miscellaneous Life Scientists  
19-4090 Miscellaneous Life, Physical, and Social Science Technicians  
19-2090 Miscellaneous Physical Scientists  
19-3090 Miscellaneous Social Scientists and Related Workers  
19-4050 Nuclear Technicians  
19-3030 Psychologists  
19-4060 Social Science Research Assistants  
19-3040 Sociologists  
19-3050 Urban and Regional Planners

### **21-0000 Community and Social Services Occupations**

21-2010 Clergy  
21-1010 Counselors  
21-2020 Directors, Religious Activities and Education  
21-1090 Miscellaneous Community and Social Service Specialists  
21-2090 Miscellaneous Religious Workers  
21-1020 Social Workers

## Standard Occupational Code Titles

### **23-0000 Legal Occupations**

- 23-1020 Judges, Magistrates, and Other Judicial Workers
- 23-1010 Lawyers
- 23-2090 Miscellaneous Legal Support Workers
- 23-2010 Paralegals and Legal Assistants

### **25-0000 Education, Training, and Library Occupations**

- 25-3010 Adult Literacy, Remedial Education, and GED Teachers and Instructors
- 25-4010 Archivists, Curators, and Museum Technicians
- 25-1120 Arts, Communications, and Humanities Teachers, Postsecondary
- 25-9010 Audio-Visual Collections Specialists
- 25-1010 Business Teachers, Postsecondary
- 25-1080 Education and Library Science Teachers, Postsecondary
- 25-2020 Elementary and Middle School Teachers
- 25-1030 Engineering and Architecture Teachers, Postsecondary
- 25-9020 Farm and Home Management Advisors
- 25-1070 Health Teachers, Postsecondary
- 25-9030 Instructional Coordinators
- 25-1110 Law, Criminal Justice, and Social Work Teachers, Postsecondary
- 25-4020 Librarians
- 25-4030 Library Technicians
- 25-1040 Life Sciences Teachers, Postsecondary
- 25-1020 Math and Computer Teachers, Postsecondary
- 25-9090 Miscellaneous Education, Training, and Library Workers
- 25-1190 Miscellaneous Postsecondary Teachers
- 25-3090 Miscellaneous Teachers and Instructors
- 25-1050 Physical Sciences Teachers, Postsecondary
- 25-2010 Preschool and Kindergarten Teachers
- 25-2030 Secondary School Teachers
- 25-3020 Self-Enrichment Education Teachers
- 25-1060 Social Sciences Teachers, Postsecondary
- 25-2040 Special Education Teachers
- 25-9040 Teacher Assistants

### **27-0000 Arts, Design, Entertainment, Sports, and Media Occupations**

- 27-2010 Actors, Producers, and Directors
- 27-3010 Announcers
- 27-1010 Artists and Related Workers
- 27-2020 Athletes, Coaches, Umpires, and Related Workers
- 27-4010 Broadcast and Sound Engineering Technicians and Radio Operators
- 27-2030 Dancers and Choreographers
- 27-1020 Designers
- 27-2090 Miscellaneous Entertainers and Performers, Sports and Related Workers
- 27-4090 Miscellaneous Media and Communication Equipment Workers
- 27-3090 Miscellaneous Media and Communication Workers
- 27-2040 Musicians, Singers, and Related Workers
- 27-3020 News Analysts, Reporters and Correspondents
- 27-4020 Photographers
- 27-3030 Public Relations Specialists
- 27-4030 Television, Video, and Motion Picture Camera Operators and Editors
- 27-3040 Writers and Editors

### **29-0000 Healthcare Practitioners and Technical Occupations**

- 29-1010 Chiropractors
- 29-2010 Clinical Laboratory Technologists and Technicians
- 29-2020 Dental Hygienists
- 29-1020 Dentists
- 29-2030 Diagnostic Related Technologists and Technicians
- 29-1030 Dietitians and Nutritionists
- 29-2040 Emergency Medical Technicians and Paramedics
- 29-2050 Health Diagnosing and Treating Practitioner Support Technicians
- 29-2060 Licensed Practical and Licensed Vocational Nurses

## Standard Occupational Code Titles

29-2070 Medical Records and Health Information Technicians  
29-1190 Miscellaneous Health Diagnosing and Treating Practitioners  
29-9090 Miscellaneous Health Practitioners and Technical Workers  
29-2090 Miscellaneous Health Technologists and Technicians  
29-9010 Occupational Health and Safety Specialists and Technicians  
29-2080 Opticians, Dispensing  
29-1040 Optometrists  
29-1050 Pharmacists  
29-1070 Physician Assistants  
29-1060 Physicians and Surgeons  
29-1080 Podiatrists  
29-1110 Registered Nurses  
29-1120 Therapists  
29-1130 Veterinarians

### **31-0000 Healthcare Support Occupations**

31-9010 Massage Therapists  
31-9090 Miscellaneous Healthcare Support Occupations  
31-1010 Nursing, Psychiatric, and Home Health Aides  
31-2010 Occupational Therapist Assistants and Aides  
31-2020 Physical Therapist Assistants and Aides

### **33-0000 Protective Service Occupations**

33-9010 Animal Control Workers  
33-3010 Bailiffs, Correctional Officers, and Jailers  
33-3020 Detectives and Criminal Investigators  
33-2010 Fire Fighters  
33-2020 Fire Inspectors  
33-1020 First-Line Supervisors/Managers, Fire Fighting and Prevention Workers  
33-1010 First-Line Supervisors/Managers, Law Enforcement Workers  
33-3030 Fish and Game Wardens  
33-1090 Miscellaneous First-Line Supervisors/Managers, Protective Service Workers  
33-9090 Miscellaneous Protective Service Workers  
33-3040 Parking Enforcement Workers  
33-3050 Police Officers  
33-9020 Private Detectives and Investigators  
33-9030 Security Guards and Gaming Surveillance Officers

### **35-0000 Food Preparation and Serving Related Occupations**

35-3010 Bartenders  
35-2010 Cooks  
35-9010 Dining Room and Cafeteria Attendants and Bartender Helpers  
35-9020 Dishwashers  
35-3020 Fast Food and Counter Workers  
35-1010 First-Line Supervisors/Managers, Food Preparation and Serving Workers  
35-2020 Food Preparation Workers  
35-3040 Food Servers, Nonrestaurant  
35-9030 Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop  
35-9090 Miscellaneous Food Preparation and Serving Related Workers  
35-3030 Waiters and Waitresses

### **37-0000 Building and Grounds Cleaning and Maintenance Occupations**

37-2010 Building Cleaning Workers  
37-1010 First-Line Supervisors/Managers, Building and Grounds Cleaning and Maintenance Workers  
37-3010 Grounds Maintenance Workers  
37-2020 Pest Control Workers

### **39-0000 Personal Care and Service Occupations**

39-2010 Animal Trainers  
39-6010 Baggage Porters, Bellhops, and Concierges  
39-5010 Barbers and Cosmetologists  
39-9010 Child Care Workers  
39-4010 Embalmers  
39-1010 First-Line Supervisors/Managers of Gaming Workers

## Standard Occupational Code Titles

39-1020 First-Line Supervisors/Managers of Personal Service Workers  
39-4020 Funeral Attendants  
39-3010 Gaming Services Workers  
39-3090 Miscellaneous Entertainment Attendants and Related Workers  
39-5090 Miscellaneous Personal Appearance Workers  
39-9090 Miscellaneous Personal Care and Service Workers  
39-3020 Motion Picture Projectionists  
39-2020 Nonfarm Animal Caretakers  
39-9020 Personal and Home Care Aides  
39-9030 Recreation and Fitness Workers  
39-9040 Residential Advisors  
39-6020 Tour and Travel Guides  
39-6030 Transportation Attendants  
39-3030 Ushers, Lobby Attendants, and Ticket Takers

### **41-0000 Sales and Related Occupations**

41-3010 Advertising Sales Agents  
41-2010 Cashiers  
41-2020 Counter and Rental Clerks and Parts Salespersons  
41-1010 First-Line Supervisors/Managers, Sales Workers  
41-3020 Insurance Sales Agents  
41-9090 Miscellaneous Sales and Related Workers  
41-3090 Miscellaneous Sales Representatives, Services  
41-9010 Models, Demonstrators, and Product Promoters  
41-9020 Real Estate Brokers and Sales Agents  
41-2030 Retail Salespersons  
41-9030 Sales Engineers  
41-4010 Sales Representatives, Wholesale and Manufacturing  
41-3030 Securities, Commodities, and Financial Services Sales Agents  
41-9040 Telemarketers  
41-3040 Travel Agents

### **43-0000 Office and Administrative Support Occupations**

43-3010 Bill and Account Collectors  
43-3020 Billing and Posting Clerks and Machine Operators  
43-3030 Bookkeeping, Accounting, and Auditing Clerks  
43-4010 Brokerage Clerks  
43-5010 Cargo and Freight Agents  
43-9010 Computer Operators  
43-4020 Correspondence Clerks  
43-5020 Couriers and Messengers  
43-4030 Court, Municipal, and License Clerks  
43-4040 Credit Authorizers, Checkers, and Clerks  
43-4050 Customer Service Representatives  
43-9020 Data Entry and Information Processing Workers  
43-9030 Desktop Publishers  
43-5030 Dispatchers  
43-4060 Eligibility Interviewers, Government Programs  
43-4070 File Clerks  
43-1010 First-Line Supervisors/Managers of Office and Administrative Support Workers  
43-3040 Gaming Cage Workers  
43-4080 Hotel, Motel, and Resort Desk Clerks  
43-4160 Human Resources Assistants, Except Payroll and Timekeeping  
43-9040 Insurance Claims and Policy Processing Clerks  
43-4110 Interviewers, Except Eligibility and Loan  
43-4120 Library Assistants, Clerical  
43-4130 Loan Interviewers and Clerks  
43-9050 Mail Clerks and Mail Machine Operators, Except Postal Service  
43-5040 Meter Readers, Utilities  
43-2090 Miscellaneous Communications Equipment Operators  
43-4190 Miscellaneous Information and Record Clerks

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43-9190 Miscellaneous Office and Administrative Support Workers  
43-4140 New Accounts Clerks  
43-9060 Office Clerks, General  
43-9070 Office Machine Operators, Except Computer  
43-4150 Order Clerks  
43-3050 Payroll and Timekeeping Clerks  
43-5050 Postal Service Workers  
43-3060 Procurement Clerks  
43-5060 Production, Planning, and Expediting Clerks  
43-9080 Proofreaders and Copy Markers  
43-4170 Receptionists and Information Clerks  
43-4180 Reservation and Transportation Ticket Agents and Travel Clerks  
43-6010 Secretaries and Administrative Assistants  
43-5070 Shipping, Receiving, and Traffic Clerks  
43-9110 Statistical Assistants  
43-5080 Stock Clerks and Order Fillers  
43-2010 Switchboard Operators, Including Answering Service  
43-2020 Telephone Operators  
43-3070 Tellers  
43-5110 Weighers, Measurers, Checkers, and Samplers, Recordkeeping

### **45-0000 Farming, Fishing, and Forestry Occupations**

45-2010 Agricultural Inspectors  
45-2020 Animal Breeders  
45-2030 Farm Labor Contractors  
45-1010 First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers  
45-3010 Fishers and Related Fishing Workers  
45-4010 Forest and Conservation Workers  
45-2040 Graders and Sorters, Agricultural Products  
45-3020 Hunters and Trappers  
45-4020 Logging Workers  
45-2090 Miscellaneous Agricultural Workers  
45-9090 Miscellaneous Farming, Fishing, and Forestry Workers

### **47-0000 Construction and Extraction Occupations**

47-2010 Boilermakers  
47-2020 Brickmasons, Blockmasons, and Stonemasons  
47-2030 Carpenters  
47-2040 Carpet, Floor, and Tile Installers and Finishers  
47-2050 Cement Masons, Concrete Finishers, and Terrazzo Workers  
47-4010 Construction and Building Inspectors  
47-2070 Construction Equipment Operators  
47-2060 Construction Laborers  
47-5010 Derrick, Rotary Drill, and Service Unit Operators, Oil, Gas, and Mining  
47-2080 Drywall Installers, Ceiling Tile Installers, and Tapers  
47-5020 Earth Drillers, Except Oil and Gas  
47-2110 Electricians  
47-4020 Elevator Installers and Repairers  
47-5030 Explosives Workers, Ordnance Handling Experts, and Blasters  
47-4030 Fence Erectors  
47-1010 First-Line Supervisors/Managers of Construction Trades and Extraction Workers  
47-2120 Glaziers  
47-4040 Hazardous Materials Removal Workers  
47-3010 Helpers, Construction Trades  
47-5080 Helpers--Extraction Workers  
47-4050 Highway Maintenance Workers  
47-2130 Insulation Workers  
47-5040 Mining Machine Operators  
47-4090 Miscellaneous Construction and Related Workers  
47-5090 Miscellaneous Extraction Workers  
47-2140 Painters and Paperhangers

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47-2150 Pipelayers, Plumbers, Pipefitters, and Steamfitters  
47-2160 Plasterers and Stucco Masons  
47-4060 Rail-Track Laying and Maintenance Equipment Operators  
47-2170 Reinforcing Iron and Rebar Workers  
47-5050 Rock Splitters, Quarry  
47-5060 Roof Bolters, Mining  
47-2180 Roofers  
47-5070 Roustabouts, Oil and Gas  
47-4070 Septic Tank Servicers and Sewer Pipe Cleaners  
47-2210 Sheet Metal Workers  
47-2220 Structural Iron and Steel Workers

### **49-0000 Installation, Maintenance, and Repair Occupations**

49-3010 Aircraft Mechanics and Service Technicians  
49-3020 Automotive Technicians and Repairers  
49-3030 Bus and Truck Mechanics and Diesel Engine Specialists  
49-2010 Computer, Automated Teller, and Office Machine Repairers  
49-9010 Control and Valve Installers and Repairers  
49-1010 First-Line Supervisors/Managers of Mechanics, Installers, and Repairers  
49-9020 Heating, Air Conditioning, and Refrigeration Mechanics and Installers  
49-3040 Heavy Vehicle and Mobile Equipment Service Technicians and Mechanics  
49-9030 Home Appliance Repairers  
49-9040 Industrial Machinery Installation, Repair, and Maintenance Workers  
49-9050 Line Installers and Repairers  
49-2090 Miscellaneous Electrical and Electronic Equipment Mechanics, Installers, and Repairers  
49-9090 Miscellaneous Installation, Maintenance, and Repair Workers  
49-3090 Miscellaneous Vehicle and Mobile Equipment Mechanics, Installers, and Repairers  
49-9060 Precision Instrument and Equipment Repairers  
49-2020 Radio and Telecommunications Equipment Installers and Repairers  
49-3050 Small Engine Mechanics

### **51-0000 Production Occupations**

51-2010 Aircraft Structure, Surfaces, Rigging, and Systems Assemblers  
51-3010 Bakers  
51-5010 Bookbinders and Bindery Workers  
51-3020 Butchers and Other Meat, Poultry, and Fish Processing Workers  
51-7010 Cabinetmakers and Bench Carpenters  
51-9010 Chemical Processing Machine Setters, Operators, and Tenders  
51-4010 Computer Control Programmers and Operators  
51-9020 Crushing, Grinding, Polishing, Mixing, and Blending Workers  
51-9030 Cutting Workers  
51-2020 Electrical, Electronics, and Electromechanical Assemblers  
51-2030 Engine and Other Machine Assemblers  
51-9040 Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders  
51-1010 First-Line Supervisors/Managers of Production and Operating Workers  
51-4020 Forming Machine Setters, Operators, and Tenders, Metal and Plastic  
51-9050 Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders  
51-7020 Furniture Finishers  
51-9060 Inspectors, Testers, Sorters, Samplers, and Weighers  
51-9070 Jewelers and Precious Stone and Metal Workers  
51-6010 Laundry and Dry-Cleaning Workers  
51-4030 Machine Tool Cutting Setters, Operators, and Tenders, Metal and Plastic  
51-4040 Machinists  
51-9080 Medical, Dental, and Ophthalmic Laboratory Technicians  
51-4050 Metal Furnace and Kiln Operators and Tenders  
51-2090 Miscellaneous Assemblers and Fabricators  
51-3090 Miscellaneous Food Processing Workers  
51-4190 Miscellaneous Metalworkers and Plastic Workers  
51-8090 Miscellaneous Plant and System Operators  
51-9190 Miscellaneous Production Workers  
51-6090 Miscellaneous Textile, Apparel, and Furnishings Workers

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51-7090 Miscellaneous Woodworkers  
51-4060 Model Makers and Patternmakers, Metal and Plastic  
51-7030 Model Makers and Patternmakers, Wood  
51-4070 Molders and Molding Machine Setters, Operators, and Tenders, Metal and Plastic  
51-4080 Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic  
51-9110 Packaging and Filling Machine Operators and Tenders  
51-9120 Painting Workers  
51-9130 Photographic Process Workers and Processing Machine Operators  
51-8010 Power Plant Operators, Distributors, and Dispatchers  
51-6020 Pressers, Textile, Garment, and Related Materials  
51-5020 Printers  
51-9140 Semiconductor Processors  
51-6030 Sewing Machine Operators  
51-6040 Shoe and Leather Workers  
51-8020 Stationary Engineers and Boiler Operators  
51-2040 Structural Metal Fabricators and Fitters  
51-6050 Tailors, Dressmakers, and Sewers  
51-6060 Textile Machine Setters, Operators, and Tenders  
51-4110 Tool and Die Makers  
51-8030 Water and Liquid Waste Treatment Plant and System Operators  
51-4120 Welding, Soldering, and Brazing Workers  
51-7040 Woodworking Machine Setters, Operators, and Tenders

### **53-0000 Transportation and Material Moving Occupations**

53-2020 Air Traffic Controllers and Airfield Operations Specialists  
53-1010 Aircraft Cargo Handling Supervisors  
53-2010 Aircraft Pilots and Flight Engineers  
53-3010 Ambulance Drivers and Attendants, Except Emergency Medical Technicians  
53-6010 Bridge and Lock Tenders  
53-3020 Bus Drivers  
53-7010 Conveyor Operators and Tenders  
53-7020 Crane and Tower Operators  
53-7030 Dredge, Excavating, and Loading Machine Operators  
53-3030 Driver/Sales Workers and Truck Drivers  
53-1020 First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand  
53-1030 First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators  
53-7040 Hoist and Winch Operators  
53-7050 Industrial Truck and Tractor Operators  
53-7060 Laborers and Material Movers, Hand  
53-4010 Locomotive Engineers and Operators  
53-7190 Miscellaneous Material Moving Workers  
53-3090 Miscellaneous Motor Vehicle Operators  
53-4090 Miscellaneous Rail Transportation Workers  
53-6090 Miscellaneous Transportation Workers  
53-6020 Parking Lot Attendants  
53-7070 Pumping Station Operators  
53-4020 Railroad Brake, Signal, and Switch Operators  
53-4030 Railroad Conductors and Yardmasters  
53-7080 Refuse and Recyclable Material Collectors  
53-5010 Sailors and Marine Oilers  
53-6030 Service Station Attendants  
53-5020 Ship and Boat Captains and Operators  
53-5030 Ship Engineers  
53-7110 Shuttle Car Operators  
53-4040 Subway and Streetcar Operators  
53-7120 Tank Car, Truck, and Ship Loaders  
53-3040 Taxi Drivers and Chauffeurs  
53-6040 Traffic Technicians  
53-6050 Transportation Inspectors